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PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)

Hemosol Inc.

Additional name(s) of conveying party(ies) attached?

Yes ☐ No ☒

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

Other

Execution Date: April 30, 2004

2. Names and address of receiving party(ies):

Name: Hemosol LP

Internal Address:

Street Address: 2585 Meadowpine Blvd.

City: Mississauga

State: Ontario

ZIP: L5N 8H9

Country: Canada

Additional names/addresses attached? Yes ☐ No ☒

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No. (s) 09/926,167

B. Patent No.(s)

Additional numbers attached? Yes ☐ No ☒

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Micheline Gravelle

Internal Address: c/o Bereskin & Parr

Street Address: Box 401, 40 King Street West

City: Toronto State: Ontario ZIP: M5H 3Y2

Country: Canada

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed (cheque No.)

☒ Authorized to charge any deficiency or credit any overpayment to our deposit account.

8. Deposit account number:

02-2095

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Andrew McIntosh, Regn. 40,453

Name of Person Signing

BP File # 6704-268



Signature

Total number of pages including cover sheet:

February 2, 2005

Date

OMD No. 0651 (exp. 4/94)

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GENERAL INTELLECTUAL PROPERTY ASSIGNMENT

THIS ASSIGNMENT made this 30th day of April, 2004 at Toronto, Ontario, Canada,

BETWEEN the following Parties:

HEMOSOL INC.,

a corporation existing under the laws of the Province of Ontario, whose full post office address is 2585 Meadowpine Blvd., Mississauga, Ontario, Canada L5N 8H9

(hereinafter referred to as the "ASSIGNOR"),

- and -

HEMOSOL LP,

a limited partnership existing under the laws of the Province of Ontario, by its general partner, HEMOSOL CORP., a corporation existing under the laws of the Province of Ontario, whose full post office address is 2585 Meadowpine Blvd., Mississauga, Ontario, Canada L5N 8H9

(hereinafter referred to as the "ASSIGNEE").

WHEREAS, the ASSIGNOR is the licensee of, or owner of the full and entire and exclusive right and title and interest in certain Intellectual Property and wishes to and herein confirms the transfer of any and all of such rights, title and interest to the ASSIGNEE.

AND WHEREAS, the ASSIGNEE, wishes to and herein confirms that acquisition from the ASSIGNOR the whole right, title and interest for the United States of America, Canada and all other countries and jurisdictions in the world in and to the said Intellectual Property.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, including but not necessarily limited to the terms and conditions set out in the **CONTRIBUTION AGREEMENT** executed between the Parties on April 30, 2004, the receipt of all of which is hereby acknowledged, the ASSIGNOR, by these presents confirm that it has sold, assigned and transferred and does hereby sell, assign and transfer unto the said ASSIGNEE, any and all of its Intellectual Property and rights therein, including but not necessarily limited to all industrial or intellectual property and all rights therein in any and all jurisdictions, including:

- (a) trademarks, service marks, trade names, brand names, domain names and other identifying names or marks including but not necessarily limited to the marks listed in **Schedule A** hereto;

- (b) patents and patent rights, including but not necessarily limited to those listed in **Schedule B** hereto; and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor, and the entire right, title and interest in and to said application, and in and to any divisions, continuations, continuations-in-part, renewals, re-examinations and extensions of said applications and patents, together with any priority documents therefor and the right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on any said patents applications, the right to claim damages for any past third party infringement of said patents and patent applications and any and all copyright, moral rights and waivers thereof in said patents and applications;
- (c) registered and unregistered industrial designs;
- (d) trade secrets and other confidential or non-public business information, including ideas, formulae, compositions, inventor's notes, discoveries and improvements, know-how, business processes and techniques, manufacturing and production processes and techniques, and research and development information (whether or not patentable), inventions and invention disclosures, unpatented blueprints, drawings, specifications, designs, plans, proposals and technical data, business and marketing plans and supplier lists and information;
- (e) writings and other copyrightable works of authorship, including computer programs, data bases, business processes and documentation therefor, and all copyrights to any of the foregoing;
- (f) moral rights and waivers thereof;
- (g) internet protocol addresses and all other network addresses;
- (h) any similar intellectual property or proprietary rights;
- (i) registrations of, and applications to register, any of the foregoing with any government authority and any renewals or extensions thereof;
- (j) files, documents and records, including, without limitation, clinical trial records, manufacturing data, production records, employee manuals, supply records and correspondence files, but excluding all minute books and similar corporate records of the Vendor;
- (k) goodwill, including the goodwill associated with any trademarks, service marks, trade names, brand names, domain names and other identifying names or marks, together with any rights to use the name "Hemosol" as part of a name or style; and
- (l) any past, present or future claims or causes of action arising out of or related to any infringement or misappropriation of any of the foregoing.

The ASSIGNOR agrees that it will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain said Intellectual Property and rights therein and for additions and modifications thereto in any and all countries and jurisdictions, and to vest title thereto in said ASSIGNEE, his successors, assigns and legal representatives or nominees.

The ASSIGNEE hereby accepts the above assignment.

IN WITNESS of which the Parties have duly executed this agreement as of the above date.

HEMOSOL INC.

Signature

Name (Print): JONATHAN WOLCH

Title: ASSISTANT SECRETARY

WITNESS STATEMENT

I, Ivana Gotcheva, whose full post office address is 450 Walmer Rd., Suite 1407, Toronto ON M5P 2X8 declare and say:
That the signature on the attached assignment is the signature of Jonathan Wolch
who is personally known to me to be the Assistant Secretary
of Hemosol Inc.

Signed at Toronto this 30th day of April, 2004.

Gotcheva
Signature

HEMOSOL LP

Signature

Name (Print): JONATHAN WOLCH

Title: ASSISTANT SECRETARY OF
HEMOSOL CORP AS THE GENERAL
PARTNER OF HEMOSOL LP

WITNESS STATEMENT

I, Ivana Gotzeva, whose full post office address is
450 Walmer Rd., Apt. 1407, Toronto ON M5P 2X8 declare and say:
That the signature on the attached assignment is the signature of Jonathan Wolch
who is personally known to me to be the Assistant Secretary of Hemosol Corp as the general partner
of Hemosol LP.

Signed at Toronto this 30th day of April, 2004.

Ivana Gotzeva
Signature

Matter No.	Country	Trade Mark	Serial No.	Registration No.
9	Canada	H DESIGN	701425	
10	Canada	HEMOLINK	725239	525180
15	Canada	HEMOSOL	859772	

Matter No.	Country	Trade Mark	Serial No.	Registration No.
22	Australia	H DESIGN	A586219	586219
305	Australia	HEMOLINK	913344	913344
321	Australia	HepSelect	918904	918904
315	Australia	OxyGain	918903	918903
8	Austria	H DESIGN	AM4503/92	145326
43	Austria	HEMOLINK	AM4452/93	151508
7	Benelux	H DESIGN	785714	523527
42	Benelux	HEMOLINK	803377	541870
41	China	HEMOLINK	970090679	1216266
25	Denmark	H DESIGN	6600/92	1150-1993
40	Denmark	HEMOLINK	595493	7618-1994
26	European Union	H DESIGN	196659	196659
39	European Union	HEMOLINK	196675	196675
57	France	H DESIGN	92434210	92434210
38	France	HEMOLINK	93475806	93475806
35	France	HEMOSOL	99/790039	99790039
49	Germany	H DESIGN	H68278/5WZ	2053638
61	Germany	HEMOLINK	H69950/5WZ	2106232
60	Germany	HEMOSOL	39925169.3	39925169
56	Ireland	H DESIGN	92/4998	152883
37	Ireland	HEMOLINK	934336	157521
55	Italy	H DESIGN	TO92C001812	651712
36	Italy	HEMOLINK	T093C001705	665116
54	Japan	H DESIGN	187906/92	3046447
28	Japan	HEMOLINK	95662/93	3174412
317	Japan	OxyGain	2002-56940	4672175
29	Mexico	HEMOLINK	171201	470266
53	Monaco	H DESIGN	14461	14426
30	Monaco	HEMOLINK	15005	14967
52	New Zealand	H DESIGN	221434	221434

Matter No.	Country	Trade Mark	Serial No.	Registration No.
312	New Zealand	HepSelect (CLASS 5)	660215	660215
318	New Zealand	OxyGain	660217	660217
304	Norway	HEMOLINK	200205474	217175
50	Spain	H DESIGN	1720968	1720968
32	Spain	HEMOLINK	1780782	1780782
47	Sweden	H DESIGN	92-8036	247869
33	Sweden	HEMOLINK	938479	307378
48	Switzerland	H DESIGN	6657/1192.5	400890
34	Switzerland	HEMOLINK	105801993.1	416034
27	United Kingdom	HEMOLINK	1538334	B1538334
24	United Kingdom	HEMOSOL	2196383	2196383

Hemosol Inc.

Schedule "A"
U.S. Trademarks

April 2004

Matter No.	Country	Trade Mark	Serial No.	Registration No.
19	U.S.A.	H DESIGN	74/305262	
71	U.S.A.	HEMOLINK (NO.2)	76/027931	2720330
21	U.S.A.	HEMOSOL	75/384357	

Hemosol Inc.

Schedule B
Patent List

April, 2004
Privileged and Confidential

Matter No.	Patent Family	Country	Title	Applicant	Inventors	Application No.	Filing Date	Patent No.	Registration Date	Due Date
3	1	Patent Cooperation Treaty	METHODS FOR THE PRODUCTION OF T CELLS	Hemosol Inc.	1. BELL, David N. 2. SKEA, Danna L. 3. HEDGE, Phyllis R.	PCT/CA99/01024	November 4, 1999		00/00/00	National Phase Entered
252	1	Japan	METHODS FOR THE PRODUCTION OF TCR GAMMA DELTA T CELLS (PCT NAT)	Hemosol Inc.	1. BELL, David Nicholson 2. SKEA, Danna Lynn 3. HEDGE, Phyllis Robin	2000-579719	November 4, 1999		00/00/00	CHECK Nov 04, 2004 EXAM Nov 04, 2006
253	1	U.S.A.	METHODS FOR THE PRODUCTION OF TCR GAMMA DELTA T CELLS (PCT NAT)	Hemosol Inc.	1. BELL, David Nicholson 2. SKEA, Danna Lynn 3. HEDGE, Phyllis Robin	09/807987	July 30, 2001	6537812	March 25, 2003	RENEW Sep 25, 2008 RENEW Sep 25, 2010 RENEW Sep 25, 2014 EXPIRE Nov 04, 2019
254	1	Canada	METHODS FOR THE PRODUCTION OF TCR GAMMA DELTA T CELLS	Hemosol Inc.	1. BELL, David Nicholson 2. SKEA, Danna Lynn 3. HEDGE, Phyllis Robin	2349629	November 4, 1999		00/00/00	EXAM Nov 04, 2004 MAINFE Nov 04, 2004 MAINFE Nov 04, 2005
255	1	European Patent Office	METHODS FOR THE PRODUCTION OF TCR GAMMA DELTA (PCT NAT)	Hemosol Inc.	1. BELL, David Nicholson 2. SKEA, Danna Lynn 3. HEDGE, Phyllis Robin	99953463.9	November 4, 1999		00/00/00	CHECK Apr 04, 2004 RENEW Nov 04, 2004
256	1	Australia	METHODS FOR THE PRODUCTION OF TCR GAMMA DELTA T CELLS	Hemosol Inc.	1. BELL, David Nicholson 2. SKEA, Danna Lynn 3. HEDGE, Phyllis Robin	10219/00	November 4, 1999	759373	July 24, 2003	RENEW Nov 04, 2004 WORK Jul 24, 2006 EXPIRE Nov 04, 2019
257	1	New Zealand	METHODS FOR THE PRODUCTION OF TCR GAMMA DELTA T CELLS (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. SKEA, Danna L. 3. HEDGE, Phyllis R.	511760	November 4, 1999	511760	February 9, 2004	RENEW Nov 04, 2006 WORK Feb 09, 2007 EXPIRE Nov 04, 2019
80	2	U.S.A.	METHOD FOR THE SELECTIVE EXPANSION OF LYMPHOCYTES BY IN VITRO CULTIVATION	Hemosol Inc.	1. BELL, David N. 2. WONG, Truman	09/016784	January 30, 1998	6194207	February 27, 2001	RENEW Aug 27, 2004 RENEW Aug 27, 2008 RENEW Aug 27, 2012 EXPIRE Jan 30, 2018
85	2	Patent Cooperation Treaty	METHOD FOR THE PRODUCTION OF SELECTED LYMPHOCYTES	Hemosol Inc.	1. BELL, David N. 2. WONG, Truman	PCT/CA98/00049	January 30, 1998		00/00/00	National Phase Entered
86	2	Canada	METHOD FOR THE PRODUCTION OF SELECTED LYMPHOCYTES (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. WONG, Truman	2278847	January 30, 1998		00/00/00	LATEMF Jan 30, 2005 MAINFE Jan 30, 2005 PAREQ Feb 25, 2005 MAINFE Jan 30, 2006 Abandoned
87	2	Australia	METHOD FOR THE PRODUCTION OF SELECTED LYMPHOCYTES (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. WONG, Truman	57447/98	January 30, 1998	738538	January 3, 2002	RESP Jul 03, 2004 RWEXT Jul 30, 2004 WORK Jan 03, 2005 EXPIRE Jan 30, 2018 To Be Abandoned

88	2	European Patent Office	METHOD FOR THE PRODUCTION OF SELECTED LYMPHOCYTES (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. WONG, Truman	98901286.9	January 30, 1998	00/00/00	CHECK May 13, 2004 RWEXT Jul 30, 2004 To Be Abandoned
89	2	Japan	METHOD FOR THE PRODUCTION OF SELECTED LYMPHOCYTES (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. WONG, Truman	532402/1998	January 30, 1998	00/00/00	CHECK Apr 27, 2004
81	3	Patent Cooperation Treaty	DEVELOPMENT OF REGULATORY CELLS AS A MEANS FOR TREATING AUTOIMMUNE DISEASE	Hemosol Inc.	1. BELL, David N. 2. DELOVITCH, Terry 3. GAO, Jian-Xin	PCT/CA99/00069	January 28, 1999	00/00/00	National Phase Entered
91	3	U.S.A.	DEVELOPMENT OF REGULATORY CELLS AS A MEANS OF TREATING AUTOIMMUNE DISEASE	Hemosol Inc.	1. BELL, David N. 2. DELOVITCH, Terry 3. GAO, Jian-Xin	09/238575	January 28, 1999	00/00/00	Abandoned Dec 8, 2004
103	3	Canada	DEVELOPMENT OF REGULATORY CELLS (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. DELOVITCH, Terry 3. GAO, Jian-Xin	2319666	January 28, 1999	00/00/00	MAINFE Jan 28, 2005 LATEMF Jan 28, 2005 EXMEXT Jan 28, 2005 MAINFE Jan 28, 2006 Abandoned
106	3	European Patent Office	DEVELOPMENT OF REGULATORY CELLS (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. DELOVITCH, Terry 3. Gao, Jian-Xin	99902470.6	January 28, 1999	00/00/00	RESP Apr 19, 2004 RWEXT Jul 28, 2004 To Be Abandoned
107	3	Australia	DEVELOPMENT OF REGULATORY CELLS (PCT NAT)	Hemosol Inc.	1. BELL, David 2. DELOVITCH, Terry 3. Gao, Jian-Xin	22606/99	January 28, 1999	May 8, 2003	RWEXT Jul 28, 2004 WORK May 08, 2006 EXPIRE Jan 28, 2019 To Be Abandoned
82	4	Patent Cooperation Treaty	THE EFFICIENT CULTURE OF STEM CELLS FOR THE PRODUCTION OF HEMOGLOBIN	Hemosol Inc.	1. BELL, David N. 2. MATTHEWS, Kathryn E. 3. MUELLER, Susan G.	PCT/CA99/00606	June 25, 1999	00/00/00	National Phase Entered
83	4	U.S.A.	EFFICIENT CULTURE OF STEM CELLS FOR THE PRODUCTION OF HEMOGLOBIN	Hemosol Inc.	1. BELL, David N. 2. MATTHEWS, Kathryn E. 3. MUELLER, Susan G.	09/339838	June 25, 1999	March 26, 2002	RENEW Sep 26, 2005 RENEW Sep 26, 2009 RENEW Sep 26, 2013 EXPIRE Jun 25, 2019
243	4	Canada	THE EFFICIENT CULTURE OF STEM..... (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. MATTHEWS, Kathryn E 3. MUELLER, Susan G.	2331776	June 25, 1999	00/00/00	EXAM Jun 25, 2004 MAINFE Jun 25, 2004 MAINFE Jun 25, 2005
244	4	European Patent Office	THE EFFICIENT CULTURE OF STEM (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. MATTHEWS, Kathryn E 3. MUELLER, Susan G.	99928951.5	June 25, 1999	00/00/00	CHECK Apr 10, 2004 RENEW Jun 25, 2004
248	4	Australia	THE EFFICIENT CULTURE OF STEM...(PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. MATTHEWS, Kathryn E 3. MUELLER, Susan G.	45956/99	June 25, 1999	September 4, 2003	RENEW Jun 25, 2004 WORK Sep 04, 2006 EXPIRE Jun 25, 2019

Hemosol Inc.

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93	5	Patent Cooperation Treaty	EFFICIENT EX VIVO EXPANSION OF CD4+ AND CD8+ T-CELLS FROM HIV INFECTED SUBJECTS	Hemosol Inc.	1. BELL, David N. 2. ROSENTHAL, Kenneth L.	PCT/CA99/00369	April 23, 1999		00/00/00	National Phase Entered
94	5	U.S.A.	EFFICIENT EX VIVO EXPANSION OF CD4+ AND CD8+ T-CELLS FROM HIV INFECTED SUBJECTS	Hemosol Inc.	1. BELL, David N. 2. ROSENTHAL, Kenneth L.	09/296402	April 23, 1999	6610542	August 26, 2003	RENEW Feb 26, 2007 RENEW Feb 26, 2011 RENEW Feb 26, 2015 EXPIRE Apr 23, 2019
199	5	Canada	EFFICIENT EX VIVO EXPANSION... (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. ROSENTHAL, Kenneth L.	2326378	April 23, 1999		00/00/00	EXAM Apr 23, 2004 MAINFE Apr 23, 2004 MAINFE Apr 23, 2005
200	5	European Patent Office	EFFICIENT EX VIVO EXPANSION... (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. ROSENTHAL, Kenneth L.	99917710.8	April 23, 1999		00/00/00	RENEW Apr 23, 2004
201	5	Australia	EFFICIENT EX VIVO EXPANSION... (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. ROSENTHAL, Kenneth L.	35911/99	April 23, 1999		00/00/00	CHECK Apr 13, 2004 RENEW Apr 23, 2004 FILE Apr 29, 2004 FOLLOW Apr 29, 2004 ACCEPT Jul 23, 2004
203	5	South Africa	EFFICIENT EX VIVO EXPANSION... (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. ROSENTHAL, Kenneth L.	2000/6837	April 23, 1999	2000/6837	July 25, 2001	RENEW Apr 23, 2004 WORK Jul 25, 2004 EXPIRE Apr 23, 2019
96	6	Patent Cooperation Treaty	ENHANCED STIMULATION OF ERYTHROPOIESIS	Hemosol Inc.	1. BELL, David N. 2. MUELLER, Susan G.	PCT/CA97/00601	August 27, 1997		00/00/00	National Phase Entered
97	6	Australia	ENHANCED STIMULATION OF ERYTHROPOIESIS (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. MUELLER, Susan G.	40065/97	August 27, 1997	733714	September 6, 2001	RENEW Aug 27, 2004 WORK Sep 06, 2004 EXPIRE Aug 27, 2017
98	6	Canada	ENHANCED STIMULATION OF ERYTHROPOIESIS (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. MUELLER, Susan G.	2263978	August 27, 1997		00/00/00	PAREO Apr 10, 2004 MAINFE Aug 27, 2004 MAINFE Aug 27, 2005
99	6	European Patent Office	ENHANCED STIMULATION OF ERYTHROPOIESIS (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. MUELLER, Susan G.	97937379.2	August 27, 1997	939644	January 14, 2004	CHECK Apr 01, 2004 GRANTF Apr 14, 2004 REGGRT Jul 14, 2004 RENEW Aug 27, 2004
100	6	Japan	ENHANCED STIMULATION OF ERYTHROPOIESIS (PCT NAT)	Hemosol Inc.	1. BELL, David N. 2. MUELLER, Susan G.	511116/1998	August 27, 1997		00/00/00	CHECK Jul 27, 2004 EXAM Aug 27, 2004

Hemosol Inc.

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272	6	Australia	ENHANCED STIMULATION OF ERYTHROPOIESIS (DIV.)	Hemosol Inc.	1. BELL, David N. 2. MUELLER, Susan G.	65462/01	August 24, 2001	765856	January 15, 2004	CHECK Jun 15, 2004 RESP Jul 15, 2004 RENEW Aug 27, 2004 WORK Jan 15, 2007 EXPIRE Aug 27, 2017
274	6	U.S.A.	ENHANCED STIMULATION OF ERYTHROPOIESIS (CONT.)	Hemosol Inc.	1. BELL, David N. 2. MUELLER, Susan G.	09/985218	October 9, 2001		00/00/00	OARECD Apr 14, 2004 FILE Apr 22, 2004
105	7	Patent Cooperation Treaty	HEMOGLOBIN-HAPTOGLOBIN COMPLEXES	Hemosol Inc.	1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine	PCT/CA99/00398	April 30, 1999		00/00/00	National Phase Entered
151	7	U.S.A.	HEMOGLOBIN-HAPTOGLOBIN COMPLEXES	Hemosol Inc.	1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine	09/302351	April 30, 1999	6479637	November 12, 2002	RENEW May 12, 2006 RENEW May 12, 2010 RENEW May 12, 2014 EXPIRE Apr 30, 2019
194	7	Japan	HEMOGLOBIN-HAPTOGLOBIN.....(PCT NAT)(SEE DIV 6704-364 INVENTION 16)	Hemosol Inc.	1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine	2000-546750	April 30, 1999		00/00/00	CHECK Apr 01, 2004 EXAM Apr 30, 2006
195	7	Australia	HEMOGLOBIN - HAPTOGLOBIN (PCT NAT)	Hemosol Inc.	1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine	3696099	April 30, 1999	760211	August 21, 2003	RENEW Apr 30, 2004 WORK Aug 21, 2006 EXPIRE Apr 30, 2019
196	7	New Zealand	HEMOGLOBIN - HAPTOGLOBIN (PCT NAT)(SEE DIV 6704-374 INVENTION 16)	Hemosol Inc.	1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine	508423	April 30, 1999		00/00/00	CHECK Apr 01, 2004 CHECK Jun 01, 2004
197	7	European Patent Office	HEMOGLOBIN - HAPTOGLOBIN (PCT NAT)	Hemosol Inc.	1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine	99919005.1	April 30, 1999		00/00/00	RENEW Apr 30, 2004
198	7	Canada	HEMOGLOBIN - HAPTOGLOBIN (PCT NAT)	Hemosol Inc.	1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine	2326720	April 30, 1999		00/00/00	EXAM Apr 30, 2004 MAINFE Apr 30, 2004 MAINFE Apr 30, 2005
261	7	Hong Kong	HEMOGLOBIN-HAPTOGLOBIN	Hemosol Inc.	1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine	1105384.2	April 30, 1999		00/00/00	CHECK May 01, 2004 RENEW Apr 30, 2007
346	7	U.S.A.	HEMOGLOBIN-HAPTOGLOBIN COMPLEXES (Continuation of 6704-151)	Hemosol Inc.	1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine	10/231062	August 30, 2002		00/00/00	OARECD May 01, 2004
108	8	Patent Cooperation Treaty Korea	HEMOGLOBIN-ANTIOXIDANT CONJUGATES	Hemosol Inc.	1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A.	PCT/CA00/00299	March 20, 2000		00/00/00	National Phase Entered
262	8		HEMOGLOBIN-ANTIOXIDANT CONJUGATES (PCT NAT)	Hemosol Inc.	1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A.	2001-7011246	March 20, 2000		00/00/00	CHECK Jan 20, 2005 EXAM Mar 20, 2005

Hemosol Inc.

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Patent List**

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263	8	Japan	HEMOGLOBIN-ANTIOXIDANT CONJUGATES (PCT NAT)	Hemosol Inc.		1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A.	2000-606271	March 20, 2000			00/00/00	CHECK Jan 28, 2005 EXAM Mar 20, 2007
264	8	Canada	HEMOGLOBIN-ANTIOXIDANT CONJUGATES (PCT NAT)	Hemosol Inc.		1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A.	2366833	March 20, 2000			00/00/00	EXAM Mar 20, 2005 MAINFE Mar 20, 2005 MAINFE Mar 20, 2006
265	8	European Patent Office	HEMOGLOBIN-ANTIOXIDANT CONJUGATES (PCT NAT)	Hemosol Inc.		1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A.	910473.8	March 20, 2000			00/00/00	RENEW Mar 20, 2005
266	8	Australia	HEMOGLOBIN-ANTIOXIDANT CONJUGATES (PCT NAT)	Hemosol Inc.		1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A.	32690/00	March 20, 2000			00/00/00	CHECK Sep 15, 2004 RENEW Mar 20, 2005
267	8	New Zealand	HEMOGLOBIN-ANTIOXIDANT CONJUGATES (PCT NAT)	Hemosol Inc.		1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A.	513933	March 20, 2000			January 5, 2004	RENEW Mar 20, 2007 EXPIRE Mar 20, 2020
268	8	U.S.A.	HEMOGLOBIN-ANTIOXIDANT CONJUGATES (PCT NAT)			1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A.	09/926167	January 8, 2002			00/00/00	CHECK Apr 01, 2004 RESP Apr 12, 2004 FINOA May 12, 2004 APPEAL Aug 12, 2004
308	8	Hong Kong	HEMOGLOBIN-ANTIOXIDANT (PCT NAT)	Hemosol Inc.		1. ADAMSON, J. Gordon 2. MCINTOSH, Greg A.	2103828	May 22, 2002			00/00/00	CHECK Dec 01, 2004 RENEW Mar 20, 2008
110	9	Patent Cooperation Treaty	HEMOGLOBIN-POLYSACCHARIDE CONJUGATES	Hemosol Inc.		1. ADAMSON, J. Gordon	PCT/CA99/00260	March 25, 1999			00/00/00	National Phase Entered
111	9	U.S.A.	HEMOGLOBIN-POLYSACCHARIDE CONJUGATES	Hemosol Inc.		1. ADAMSON, J. Gordon	09/276686	March 26, 1999			December 31, 2002	RENEW Jun 30, 2006 RENEW Jun 30, 2010 RENEW Jun 30, 2014 EXPIRE Mar 26, 2019
162	9	Japan	HEMOGLOBIN - POLYSACCHARIDE CONJUGATES (PCT NAT)	Hemosol Inc.		1. ADAMSON, J. Gordon	2002-540859	March 25, 1999			00/00/00	CHECK Mar 25, 2004 EXAM Mar 25, 2006
163	9	New Zealand	HEMOGLOBIN - POLYSACCHARIDE CONJUGATES (PCT NAT)	Hemosol Inc.		1. ADAMSON, J. Gordon	507383	March 25, 1999			00/00/00	CHECK Apr 01, 2004
164	9	Canada	HEMOGLOBIN-POLYSACCHARIDE CONJUGATES (PCT NAT)	Hemosol Inc.		1. ADAMSON, J. Gordon	2326715	March 25, 1999			00/00/00	MAINFE Mar 25, 2005 MAINFE Mar 25, 2006
165	9	European Patent Office	HEMOGLOBIN - POLYSACCHARIDE CONJUGATES (PCT NAT)	Hemosol Inc.		1. ADAMSON, J. Gordon	99910061.3	March 25, 1999			00/00/00	CHECK Mar 25, 2004 RENEW Mar 25, 2005
166	9	Australia	HEMOGLOBIN - POLYSACCHARIDE CONJUGATES (PCT NAT)	Hemosol Inc.		1. ADAMSON, J. Gordon	29160/99	March 25, 1999			July 31, 2003	RENEW Mar 25, 2005 WORK Jul 31, 2006 EXPIRE Mar 25, 2019

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167	9	Russian Federation	HEMOGLOBIN-POLYSACCHARIDE CONJUGATES (PCT NAT)	Hemosol Inc.	1. ADAMSON, J. Gordon	2000127106	March 25, 1999		00/00/00	CHECK Apr 01, 2004 RENEW Mar 25, 2005 RENEW Mar 25, 2006 RENEW Mar 25, 2007
168	9	China	HEMOGLOBIN-POLYSACCHARIDE CONJUGATES (PCT NAT)	Hemosol Inc.	1. ADAMSON, J. Gordon	99806176.X	March 25, 1999		00/00/00	INSTRC Apr 06, 2004 RESP Apr 20, 2004 RENEW Mar 25, 2005
258	9	Hong Kong	HEMOGLOBIN - POLYSACCHARIDE CONJUGATES	Hemosol Inc.	1. ADAMSON, J. Gordon	1104080.2	June 14, 2001		00/00/00	CHECK Jul 05, 2004 RENEW Mar 25, 2007
357	9	U.S.A.	HEMOGLOBIN-POLYSACCHARIDE CONJUGATES (Continuation of 6704-111)	Hemosol Inc.	Adamson, J. Gordon	10303777	November 26, 2002		00/00/00	OARECO Jun 01, 2004
112	10	Japan	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	10925788	May 5, 1988	1824583	May 14, 1993	RENEW May 14, 2004 EXPIRE May 05, 2008
135	10	Greece	*PASTEURIZABLE FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	88304059.4	May 5, 1988	3007652	January 27, 1993	RENEW May 05, 2004 EXPIRE May 05, 2008
136	10	Luxembourg	*PASTEURIZABLE FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	88304059.4	May 5, 1988	290252	January 27, 1993	RENEW May 05, 2004 EXPIRE May 05, 2008
137	10	Sweden	*PASTEURIZABLE FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	88304059.4	May 5, 1988	290252	January 27, 1993	RENEW May 05, 2004 EXPIRE May 05, 2008
138	10	Switzerland	*PASTEURIZABLE FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	88304059.4	May 5, 1988	290252	January 27, 1993	RENEW May 05, 2004 EXPIRE May 05, 2008
139	10	Spain	*PASTEURIZABLE FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	88304059.4	May 5, 1988	290252	January 27, 1993	RENEW May 05, 2004 EXPIRE May 05, 2008
140	10	United Kingdom	*PASTEURIZABLE FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	88304059.4	May 5, 1988	290252	January 27, 1993	RENEW May 05, 2004 EXPIRE May 05, 2008
143	10	U.S.A.	*PASTEURIZABLE FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	07781671	October 24, 1991	5189146	February 23, 1993	RENEW Aug 23, 2004 EXPIRE Feb 23, 2010
144	10	Argentina	*PASTEURIZABLE FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	310768	May 5, 1988	250.878	July 31, 1997	RENEW Jul 31, 2004 EXPIRE May 05, 2008
152	10	U.S.A.	*PASTEURIZABLE, FREEZE-DRIABLE, (Division of 6704-143)	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Defence of Her Majesty's Canadian government.	1. HSIA, Jen-Chang	918610	July 27, 1992	5364932	November 15, 1994	RENEW May 15, 2006 EXPIRE Nov 15, 2011
153	10	Belgium	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	88304059.4	May 5, 1988	290252	January 27, 1993	RENEW May 05, 2004 EXPIRE May 05, 2008

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156	10	Canada	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	565563	April 29, 1988	1306583	August 18, 1992	MAINFE Aug 18, 2004 MAINFE Aug 18, 2005 EXPIRE Aug 18, 2009
157	10	Taiwan	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*HSIA, Jen-Chang	1. HSIA, Jen-Chang	7702949	May 4, 1988		December 11, 1989	RENEW Dec 10, 2004 EXPIRE May 03, 2008
158	10	Denmark	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	2428/88	May 4, 1988	174286	November 11, 2002	CHECK May 01, 2004 RENEW May 04, 2004 FILE May 11, 2004 WORK Nov 11, 2005 EXPIRE May 04, 2008
159	10	New Zealand	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	224479	May 3, 1988	224479	August 27, 1991	EXPIRE May 03, 2008
160	10	Israel	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	86258	May 3, 1988	86258	March 1, 1995	RENEW May 03, 2006 EXPIRE May 03, 2008
161	10	U.S.A.	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Defence of Her Majesty's Canadian government.	1. HSIA, Jen-Chang	187721	April 29, 1988	4857638	August 15, 1989	EXPIRE Apr 29, 2008
172	10	Italy	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	98394959.4	May 5, 1988	290252	December 27, 1993	RENEW May 05, 2004 EXPIRE May 05, 2008
173	10	Netherlands	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	88304059.4	May 5, 1988	290252	December 27, 1993	RENEW May 05, 2004 EXPIRE May 02, 2008
177	10	Mexico	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Defence of Her Majesty's Canadian government.	1. HSIA, Jen-Chang	27106	May 4, 1988	176901	December 16, 1994	RENEW May 31, 2006 EXPIRE May 04, 2008
180	10	South Africa	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Defence of Her Majesty's Canadian government.	1. HSIA, Jen-Chang	88/3171	May 4, 1988	88/3171	March 29, 1989	RENEW May 04, 2004 EXPIRE May 04, 2008
183	10	European Patent Office	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	88304059.4	May 5, 1988	290252	December 27, 1993	National Phase Entered
184	10	China	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Defence	HSIA, Jen-Chang	88103596.3	May 5, 1988	34142	April 27, 1996	RENEW May 05, 2004 EXPIRE May 05, 2008
188	10	Germany	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	83304059.4	May 5, 1988	290252	December 27, 1993	RENEW May 05, 2004 EXPIRE May 05, 2008

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189	10	Austria	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	88304059.4	May 5, 1988	290252	December 27, 1993	RENEW May 05, 2004 EXPIRE May 05, 2008
190	10	Korea	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty the Queen in Right of Canada as Represented by the Minister of National Defence of Her Majesty's Canadian government.	1. HSIA, Jen-Chang	88-5223	April 5, 1988	50695	November 13, 1991	RENEW Nov 12, 2004 EXPIRE Apr 05, 2008
191	10	France	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	88304059.4	May 5, 1988	290252	January 27, 1993	RENEW May 05, 2004 EXPIRE May 05, 2008
192	10	Australia	*PASTEURIZABLE, FREEZE-DRIABLE HEMOGLOBIN-BASED BLOOD SUBSTITUTE	*Her Majesty The Queen in Right of Canada as Represented by the Minister of National Revenue	1. HSIA, Jen-Chang	15635/88	May 5, 1988	610883	September 25, 1991	RENEW May 05, 2004 EXPIRE May 05, 2008
113	11	China	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	94190708.2	September 20, 1994	53091	January 15, 2000	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
114	11	Hungary	DISPLACEMENT-CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	P9501479	September 20, 1994	218159	May 5, 2000	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
115	11	Austria	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	94926756.1	September 20, 1994	668877	January 20, 1999	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
116	11	Russian Federation	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	95112503	September 20, 1994	2145873	February 27, 2000	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
117	11	Belgium	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	94926756.1	September 20, 1994	668877	January 20, 1999	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
118	11	Switzerland	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	94926756.1	September 20, 1994	668877	January 20, 1999	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
119	11	Italy	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	94926756.1	September 20, 1994	668877	January 20, 1999	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
120	11	Sweden	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	94926756.1	September 20, 1994	668877	January 20, 1999	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014

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121	11	Australia	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	76503/94	September 20, 1994	681438	December 18, 1997	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
122	11	Germany	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	94926756.1	September 20, 1994	688877	January 20, 1999	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
123	11	Denmark	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	94926756.1	September 20, 1994	688877	January 20, 1999	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
124	11	France	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	9426756.1	September 20, 1994	688877	January 20, 1999	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
125	11	Netherlands	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	94926756.1	September 20, 1994	688877	January 20, 1999	RESP Aug 30, 2004 RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
126	11	Ireland	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	9426756.1	September 20, 1994	688877	January 20, 1999	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
127	11	Spain	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	94926756.1	September 20, 1994	688877	January 20, 1999	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
128	11	United Kingdom	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	94926756.1	September 20, 1994	688877	January 20, 1999	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
130	11	Canada	DISPLACEMENT CHROMATOGRAPHY PROCESS	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	2106612	September 21, 1993	2106612	February 6, 2000	MAINFE Sep 21, 2004 MAINFE Sep 21, 2005 EXPIRE Sep 21, 2013
132	11	Poland	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	P-309034	September 20, 1994	179525	March 2, 2000	RENEW Sep 20, 2004 RENEW Sep 20, 2005 RENEW Sep 20, 2006 EXPIRE Sep 20, 2014
154	11	Japan	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	509458/95	September 20, 1994		00/00700	INSTRC Apr 13, 2004 RESP Apr 27, 2004 CHECK May 01, 2004 EXPIRE Sep 20, 2014

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155	11	European Patent Office	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	94926756.1	September 20, 1994	668877	January 20, 1999	National Phase Entered
169	11	Patent Cooperation Treaty	DISPLACEMENT CHROMATOGRAPHY PROCESS AND PURIFIED HEMOGLOBIN PRODUCT	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	PCT/CA94/00514	September 20, 1994		00/00/00	National Phase Entered
170	11	Slovak Republic	DISPLACEMENT CHROMATOGRAPHY PROCESS AND PURIFIED HEMOGLOBIN PRODUCT	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	PV0678-95	September 20, 1994	231839	May 9, 2001	WORK May 09, 2004 RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
171	11	Korea	DISPLACEMENT CHROMATOGRAPHY PROCESS (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	95-701487	September 20, 1994	361894	November 8, 2002	RENEW Nov 08, 2005 WORK Nov 08, 2005 EXPIRE Sep 21, 2014
174	11	Czech Republic	DISPLACEMENT CHROMATOGRAPHY PROCESS AND PURIFIED HEMOGLOBIN PRODUCT	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	PV 1287-95	September 20, 1994	287589	October 27, 2000	RENEW Sep 20, 2004 EXPIRE Sep 20, 2014
178	11	Mexico	DISPLACEMENT CHROMATOGRAPHY PROCESS AND PURIFIED HEMOGLOBIN PRODUCT	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	947260	September 21, 1994	191532	March 22, 1999	RENEW Sep 21, 2004 EXPIRE Sep 21, 2014
179	11	Ukraine	DISPLACEMENT CHROMATOGRAPHY PROCESS AND PURIFIED HEMOGLOBIN PRODUCT	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	95058439	September 20, 1994	35539	April 16, 2001	WORK Apr 16, 2004 RENEW Sep 20, 2004 EXPIRE Sep 19, 2014
182	11	Israel	DISPLACEMENT CHROMATOGRAPHY PROCESS AND PURIFIED HEMOGLOBIN PRODUCT	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	112698	February 19, 1995	112698	April 2, 2000	RENEW Feb 19, 2005 EXPIRE Feb 19, 2015
187	11	South Africa	DISPLACEMENT CHROMATOGRAPHY PROCESS AND PURIFIED HEMOGLOBIN PRODUCT	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	95/01034	February 9, 1995	95/01034	December 27, 1995	RENEW Feb 09, 2005 EXPIRE Feb 09, 2015
215	11	U.S.A.	DISPLACEMENT CHROMATOGRAPHY PROCESS	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	08/187316	January 27, 1994	5439591	August 8, 1995	RENEW Feb 08, 2007 EXPIRE Jan 27, 2014
222	11	U.S.A.	DISPLACEMENT CHROMATOGRAPHY PROCESS	Hemosol Inc.	1. PLIURA, Diana 2. WIFFEN, Diane 3. ASHRAF, Salman 4. MAGNIN, Anthony	406148	March 20, 1995	5545328	August 13, 1996	RENEW Feb 13, 2008 EXPIRE Jan 27, 2014

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131	12	U.S.A.	CROSSLINKED HEMOGLOBIN PRODUCT COMPRISING TETRAMERIC AND OLIGOMERIC HEMOGLOBIN	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	672868	June 28, 1996	5770727	June 23, 1998	RENEW Dec 23, 2005 RENEW Dec 23, 2009 EXPIRE Mar 16, 2013
133	12	Australia	SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHA... (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	61793/94	March 11, 1994	668294	March 11, 1994	RENEW Mar 11, 2005 EXPIRE Mar 11, 2014
134	12	European Patent Office	SELECTIVE CROSSLINKING OF HEMOGLOBINS..... (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	94908913	March 11, 1994	646130	December 11, 1996	National Phase Entered
150	12	China	SELECTIVE CROSSLINKING OF HEMOGLOBIN..... (PCT NAT)	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	94190130	March 11, 1994	47987	August 21, 1999	RENEW Mar 11, 2005 EXPIRE Mar 11, 2014
175	12	Japan	SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	520446/94	March 11, 1994	2594241	December 19, 1996	RENEW Dec 19, 2004 EXPIRE Mar 11, 2014
176	12	Korea	SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	94-703254	March 11, 1994	306000	August 3, 2001	RENEW Aug 03, 2004 EXPIRE Mar 11, 2014
210	12	Patent Cooperatio n Treaty	SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	PCT/CA94/00140	March 11, 1994		00/00/00	National Phase Entered
212	12	U.S.A.	SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	231945	April 21, 1994	5532352	July 2, 1996	RENEW Jan 02, 2008 EXPIRE Jul 02, 2013
216	12	New Zealand	SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	262349	March 11, 1994	262349	September 17, 1996	RENEW Mar 11, 2007 EXPIRE Mar 11, 2014
221	12	Canada	SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	2131455	March 11, 1994	2131455	August 18, 1998	MAINFE Mar 11, 2005 MAINFE Mar 11, 2006 EXPIRE Mar 11, 2014
223	12	Mexico	SELECTIVE CROSSLINKING OF HEMOGLOBIN BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	941895	March 15, 1994	191548	March 24, 1999	RENEW Mar 31, 2009 EXPIRE Mar 15, 2014
326	12	Belgium	SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	94908913	March 11, 1994	646130	December 11, 1996	RENEW Mar 11, 2005 EXPIRE Mar 11, 2014
327	12	Switzerland	SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, D. 2. WONG, Lawrence T. 3. ER, Song Swee	94908913	March 11, 1994	646130	December 11, 1996	RENEW Mar 11, 2005 EXPIRE Mar 11, 2014

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328	12	Germany	SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, D. 2. WONG, Lawrence T. 3. ER, Song Swee	94908913	March 11, 1994	646130	December 11, 1996	RENEW Mar 11, 2005 EXPIRE Mar 11, 2014
329	12	Denmark	SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	94908913	March 11, 1994	646130	December 11, 1996	RENEW Mar 11, 2005 EXPIRE Mar 11, 2014
330	12	Spain	SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	94908913	March 11, 1994	646130	December 11, 1996	RENEW Mar 11, 2005 EXPIRE Mar 11, 2014
331	12	France	SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	94908913	March 11, 1994	646130	December 11, 1996	RENEW Mar 11, 2005 EXPIRE Mar 11, 2014
332	12	Ireland	SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	94908913	March 11, 1994	646130	December 11, 1996	RENEW Mar 11, 2005 EXPIRE Mar 11, 2014
333	12	Austria	SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	94908913	March 11, 1994	646130	December 11, 1996	RENEW Mar 11, 2005 EXPIRE Mar 11, 2014
334	12	Italy	SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	94908913	March 11, 1994	646130	December 11, 1996	RENEW Mar 11, 2005 EXPIRE Mar 11, 2014
335	12	Netherlands	SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	94908913	March 11, 1994	646130	December 11, 1996	RENEW Mar 11, 2005 EXPIRE Mar 11, 2014
336	12	Sweden	SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	94908913	March 11, 1994	646130	December 11, 1996	RENEW Mar 11, 2005 EXPIRE Mar 11, 2014
337	12	United Kingdom	SELECTIVE CROSSLINKING OF HEMOGLOBINS BY OXIDIZED, RING-OPENED SACCHARIDES	Hemosol Inc.	1. PLIURA, Diana 2. WONG, Lawrence T. 3. ER, Song Swee	94908913	March 11, 1994	646130	December 11, 1996	RENEW Mar 11, 2005 EXPIRE Mar 11, 2014
232	13	U.S.A.	**HEMOGLOBINS AS DRUG DELIVERY AGENTS	** Hemosol Inc.	David C. Anderson, Anthony J. Mathews	08/457753	June 1, 1995	5759517	June 2, 1998	RENEW Dec 02, 2005 EXPIRE Jun 02, 2015
233	13	Canada	**HEMOGLOBINS AS DRUG DELIVERY AGENTS	** Hemosol Inc.	1. ANDERSON, David C. 2. MATTHEWS, Anthony J.	2122717	November 6, 1992	2122717	July 15, 2003	MAINFE Nov 06, 2004 MAINFE Nov 06, 2005 EXPIRE Nov 06, 2012
234	13	Japan	**HEMOGLOBINS AS DRUG DELIVERY AGENTS (PCT NAT)	** Hemosol Inc.	1. ANDERSON, David C. 2. MATTHEWS, Anthony J.	508781/93	November 6, 1992	3426599	May 9, 2003	WORK May 09, 2006 RENEW May 09, 2006 EXPIRE Nov 06, 2012
235	13	Patent Cooperation Treaty	**HEMOGLOBINS AS DRUG DELIVERY AGENTS	** Hemosol Inc.	1. ANDERSON, David C. 2. MATTHEWS, Anthony J.	PCT/US92/09713	November 6, 1992		00/00/00	National Phase Entered
236	13	Australia	**HEMOGLOBINS AS DRUG DELIVERY AGENTS	** Hemosol Inc.	1. ANDERSON, David C. 2. MATTHEWS, Anthony J.	31324/93	November 6, 1992	665599	January 11, 1996	RENEW Nov 06, 2004 EXPIRE Nov 06, 2012

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237	13	European Patent Office	**HEMOGLOBINS AS DRUG DELIVERY AGENTS	** Hemosol Inc.		1. ANDERSON, David C. 2. MATTHEWS, Anthony J.	92825154.4	November 6, 1992	811306	July 8, 1998	RENEW Nov 06, 2004 EXPIRE Nov 06, 2012
238	13	U.S.A.	**HEMOGLOBINS AS DRUG DELIVERY AGENTS	** Hemosol Inc.		1. ANDERSON, David C. 2. MATTHEWS, Anthony J.	08240711	July 12, 1994	5679777	October 21, 1997	RENEW Apr 21, 2005 EXPIRE Oct 21, 2014
250	14	Patent Cooperation Treaty	PRODUCTION OF TCR GAMMA DELTA T CELLS	Hemosol Inc.		1. BELL, David N 2. SKEA, Danna L	PCT/CA01/00444	April 3, 2001		00/00/00	National Phase Entered
339	14	Canada	PRODUCTION OF TCR GAMMA (PCT NAT)	Hemosol Inc.		1. BELL, David N. 2. SKEA, Danna L	2405050	April 3, 2001		00/00/00	MAINFE Apr 03, 2004 MAINFE Apr 03, 2005 EXAM Apr 03, 2006
340	14	U.S.A.	PRODUCTION OF TCR GAMMA (PCT NAT)	Hemosol Inc.		1. BELL, David N. 2. SKEA, Danna L	10239854	April 3, 2001		00/00/00	OARECD Jul 09, 2004
341	14	European Patent Office	PRODUCTION OF TCR GAMMA (PCT NAT)	Hemosol Inc.		1. BELL, David N. 2. SKEA, Danna L	1921047.5	April 3, 2001		00/00/00	RENEW Apr 03, 2004 CHECK Dec 05, 2004
342	14	Australia	PRODUCTION OF TCR GAMMA (PCT NAT)	Hemosol Inc.		1. BELL, David N. 2. SKEA, Danna L	2001248162	April 3, 2001		00/00/00	CHECK Jan 31, 2005 RENEW Apr 03, 2006
343	14	New Zealand	PRODUCTION OF TCR GAMMA (PCT NAT)	Hemosol Inc.		1. BELL, David N. 2. SKEA, Danna L	522337	April 3, 2001		00/00/00	CHECK Aug 12, 2004
347	14	Japan	PRODUCTION OF TCR GAMMA (PCT NAT)	Hemosol Inc.		1. BELL, David N. 2. SKEA, Danna L	2001-572846	April 3, 2001		00/00/00	CHECK Apr 03, 2004 EXAM Apr 03, 2008
363	14	Hong Kong	PRODUCTION OF TCR GAMMA (PCT NAT)	Hemosol Inc.		1. BELL, David N. 2. SKEA, Danna L	3103917.1	April 3, 2001		00/00/00	CHECK Dec 01, 2004 RENEW Apr 03, 2009
299	15	Patent Cooperation Treaty	BLOOD CELL PRODUCTION...	Hemosol Inc.		1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E.	PCT/CA02/00411	March 26, 2002		00/00/00	National Phase Entered
348	15	China	BLOOD CELL PRODUCTION VIA ACTIVATION OF THE HEMOGLOBIN SCAVENGER... (PCT NAT)	Hemosol Inc.		1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E.	2801429.4	March 26, 2002		00/00/00	RECORD Jun 17, 2004
349	15	Korea Democratic People's Rep.	BLOOD CELL PRODUCTION VIA ACTIVATION OF THE HEMOGLOBIN SCAVENGER ... (PCT NAT)	Hemosol Inc.		1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E.	2002-7016020	March 26, 2002		00/00/00	EXAM Mar 26, 2006
350	15	Singapore	BLOOD CELL PRODUCTION VIA ACTIVATION OF THE HEMOGLOBIN SCAVENGER ... (PCT NAT)	Hemosol Inc.		1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E.	200207118-1	March 26, 2002		00/00/00	CHECK Jul 26, 2004

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374	16	New Zealand	HEMOGLOBIN-HAPTOGLOBIN COMPLEXES FOR TARGETED DRUG DELIVERY (Div. of 6704-196)	Hemosol Inc.	1. ADAMSON, J. Gordon 2. WODZINSKA, Jolanta M. 3. MOORE, M. S. Celine Hemosol Inc. 2 Meridian Road Toronto, On, Ca. M9W 4Z7	529261	October 30, 2003	00/00/00	ACCEPT Jan 30, 2005
275	17	U.S.A.	STORAGE OF OXYGEN-SENSITIVE MATERIALS				00/00/00	00/00/00	Draft Copy w/Hemosol Not yet filed.
280	18	U.S.A.	CROSSLINKING OF HEMOGLOBIN OXIDIZED RING-OPENED SACCHARIDES				00/00/00	00/00/00	Draft Copy w/Hemosol Not yet filed.
371	19	U.S.A.	NOVEL HEMOGLOBIN SCAVENGER RECEPTOR		1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E	60/551071	March 9, 2004	00/00/00	FRRECD Jul 09, 2004 FA Mar 09, 2005 FILREG Mar 09, 2005 CLOSE Jun 09, 2005
377	20	U.S.A.	A METHOD OF INCREASING CD163 EXPRESSION		1. MUELLER, Susan G. 2. BELL, David N. 3. MATTHEWS, Kathryn E.	60/551070	March 9, 2004	00/00/00	FRRECD Jul 09, 2004 FILREG Mar 09, 2005 FA Mar 09, 2005 CLOSE Jun 09, 2005